

Product datasheet for KN210378RB

BDKRB2 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: Symbol: BDKRB2 Locus ID: 624

KN210378G1, BDKRB2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN210378G2, BDKRB2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN210378RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is

> designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the

experimental process.

RefSeq: NM 000623

UniProt ID: P30411

Synonyms: B2R; BK-2; BK2; BKR2; BRB2

Summary: This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many

> responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. Bradykinin is released upon activation by pathophysiologic conditions such as trauma and inflammation, and binds to its kinin receptors, B1 and B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system. [provided

by RefSeq, Apr 2020]



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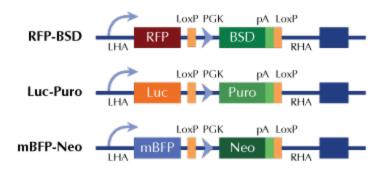
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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter